

Claims

1. (Currently Amended) A door system for use with an opening defined by a pair of vertically oriented framing members and joined by a horizontally oriented cross member, the door system comprising, a sectional door having adjacent panels hinged for moving between a closed vertical position and an open horizontal position, said adjacent panels including at least a top panel, an intermediate panel, and a bottom panel, sets of lower rollers provided proximate the interfaces of said adjacent panels and proximate the lower extremity of said bottom panel, upper rollers carried proximate the upper extremity of said top panel, vertical track assemblies including vertical track sections and reverse angles, a header spacing said vertical track assemblies and flag angles ~~said reverse angles~~ interconnecting ~~with a said header~~ reverse angles with said header to form a door mounting system, transitional track members having first track sections and second track sections, and dual horizontal track assemblies having lower horizontal track sections and upper horizontal track sections, wherein said lower rollers are carried by said vertical track sections, said first track sections, and said lower horizontal track sections, and said upper rollers are carried by said second track sections and said upper horizontal track sections and wherein said header, said flag angle and said vertical track assemblies of said door mounting system may be preassembled and coupled to the framing members and the cross member.
2. (Original) A door system according to claim 1, wherein said vertical track sections, said transitional track members, and said dual horizontal track assemblies form a track system, said track system having a first roller raceway adapted to carry said lower rollers and a second roller raceway adapted to carry said upper rollers.
3. (Original) A door system according to claim 2, wherein said first roller raceway is formed by interconnecting said lower horizontal track sections with said first track sections, said first track sections transitioning said first roller raceway through approximately ninety degrees into said vertical track assemblies, and wherein said second roller raceway is formed by interconnecting said upper horizontal track sections with said second track sections, said first roller raceway and said second

roller raceway providing for movement of said sectional door between said closed vertical position and said open horizontal position.

4. (Original) A door system according to claim 1, wherein said transitional track members include first receiving channels adapted to receive said vertical track sections and second receiving channels adapted to receive said dual horizontal track assemblies, said first track section being connected with said lower horizontal track section and said second track section being connected with said upper horizontal track section.
5. (Original) A door system according to claim 4, wherein said first track sections transition through approximately ninety degrees to interconnect said lower horizontal track sections with said vertical track sections.
6. (Original) A door system according to claim 4, wherein said second track sections include elbow sections having distal ends positioned substantially adjacent said header, said distal ends configured to carry said upper rollers, thereby vertically aligning said top panel with the remainder of said panels, when said sectional door is in said closed vertical position.
7. (Original) A door system according to claim 6, wherein said second track sections further include horizontal portions and curved portions, said top panel articulating according to the movement of said upper rollers through said horizontal portions, said curved portions, and said elbow portions.
8. (Cancelled)
9. (Currently Amended) A door system according to claim 1 [[8]], wherein said flag angles support said transitional track members, said transitional track members interconnecting said vertical track sections and said dual horizontal track assemblies.

10. (Currently Amended) A door system according to claim 1 [[8]] further comprising, a counterbalance system connected to said sectional door and mounted on said flag angles.
11. (Original) A door system according to claim 1, wherein said vertical track assemblies include an extension and a web, said extension and said web spacing a door stop from said vertical track sections, thereby allowing said door stop to prevent outward movement of said panels when said sectional door is in said closed vertical position.
12. (Original) A door system according to claim 11, wherein said door stop is adapted to carry a flexible seal, said flexible seal exerting pressure on said panels when said sectional door is in said closed vertical position to prevent environmental elements from infiltrating therebetween.
13. (Original) A door system according to claim 1, wherein said top panel includes a top panel extension, and said upper rollers positioned on said top panel extension.
14. (Original) A door system according to claim 1, wherein said vertical track assemblies are of one-piece construction.
15. (Original) A door system according to claim 1, wherein said dual horizontal track assemblies are of one-piece construction.
16. (Original) A door system according to claim 1 further comprising, an operator for moving said sectional door directly mounted on said header.
17. (Original) A door system according to claim 1, wherein said transition track members are cast of either of metallic and non-metallic material.
18. (Currently Amended) A door system for use with an opening defined by a pair of vertically oriented framing members and joined by a horizontally oriented cross member, the door system comprising, a sectional door having hinged panels for

moving between a closed vertical position and an open horizontal position, rollers mounted on said panels, and a track system directing travel of said rollers when moving said door between said closed vertical position and said open horizontal position and having horizontal track assemblies, transitional track assemblies and ~~one~~ piece vertical track assemblies ~~which including include vertical~~ a track section[s] adapted to receive at least one of said rollers, a web adapted to mount to said vertically oriented framing members, and an extension which joins said web to said track section and outwardly spaces said track section from said vertically oriented framing members, wherein said web, said track section and said extension are comprised of a single interrupted member ~~reverse angles forming part of a door mounting system.~~

19. (Currently Amended) The door system of claim 18 further comprising, a header spacing and joining said vertical track assemblies ~~reverse angles~~.
20. (Currently Amended) The door system of claim 19, wherein a portion of said webs ~~reverse angles~~ constitute jambs which are connected to said header to permit preassembly thereof.
21. (Currently Amended) The door system of claim 18, wherein said extensions ~~vertical track sections~~ and said track sections ~~reverse angles~~ are joined by a U-shaped central body portion.
22. (Currently Amended) A door system of claim 18, wherein each said vertical track assembly further includes a ~~reverse angles have~~ stop member[s] adapted to prevent outward movement of said panels when said door is in said closed vertical position.
23. (Currently Amended) A door system comprising, a sectional door having hinged panels for moving between a closed vertical position and an open horizontal position, rollers mounted on said panels and a track system directing travel of said rollers when moving said door between said closed vertical position and said open horizontal position and having vertical track assemblies having track sections and

reverse angles formed of a single uninterrupted member, transitional track members having first track sections and second track sections formed of a single uninterrupted member and one-piece horizontal track assemblies having upper horizontal track sections and lower horizontal track sections formed of a single uninterrupted member wherein said transitional track members include first receiving channels adapted to telescopically receive said vertical track sections and second receiving channels adapted to telescopically receive said dual horizontal track assemblies, said first track section being connected with said lower horizontal track section and said second track section being connected with said upper horizontal track section.

24. (Currently Amended) The door system of claim 23, wherein said upper horizontal track sections and said lower horizontal track sections are joined by a closed U-shaped central body portion.
25. (Original) The door system of claim 23, wherein said upper horizontal track sections have first lips for retaining said rollers and said lower horizontal track sections have second lips for retaining said rollers.
26. (Original) The door system of claim 25, wherein said second lips are inverted relative to said first lips.
27. (Cancelled)
28. (Cancelled)
29. (Cancelled)
30. (Currently Amended) A door system of claim 23 ~~27~~ further comprising, means for supporting said track system.
31. (Original) A door system of claim 30, wherein said means for supporting said track system includes flag angles.

32. (Currently Amended) A door system of claim 23 27, wherein said transitional track members are cast of either of metallic and non-metallic material.
33. (Cancelled)
34. (Cancelled)
35. (Cancelled)
36. (New) A door system according to claim 23, wherein said transition track members are cast of either of metallic and non-metallic material.